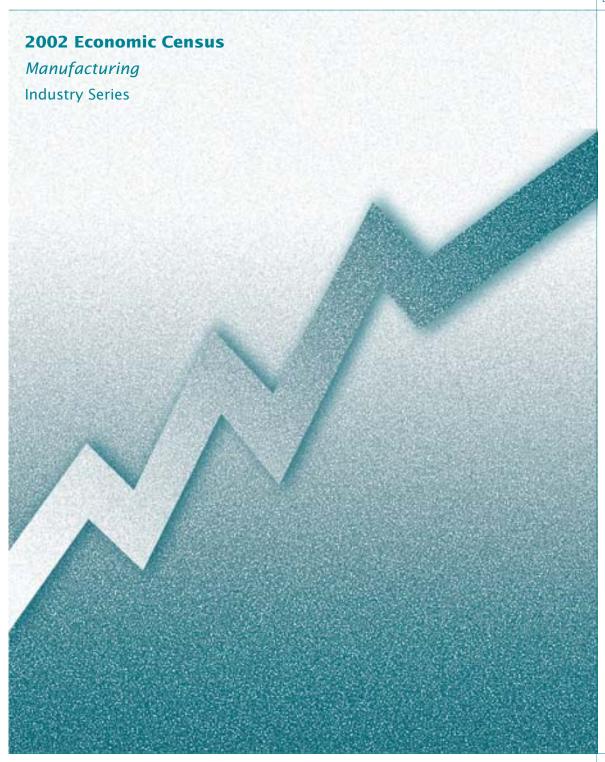
# Hat, Cap, and Millinery Manufacturing: 2002

Issued December 2004

EC02-311-315991 (RV)





Helping You Make Informed Decisions

U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU



### **CONTENTS**

	duction to the Economic Census	v ix
Table	es	
1. 2. 3. 4. 5. 6a. 6b. 7.	Historical Statistics for the Industry: 2002 and Earlier Years Industry Statistics for Selected States: 2002 Detailed Statistics by Industry: 2002 Industry Statistics by Employment Size: 2002 Industry Statistics by Primary Product Class Specialization: 2002 Products Statistics: 2002 and 1997 Product Class Shipments for Selected States: 2002 and 1997 Materials Consumed by Kind: 2002 and 1997	1 2 3 4 5 6 7 8
Appe	endixes	
A. B. C. D. E. F.	Explanation of Terms NAICS Codes, Titles, and Descriptions Methodology Geographic Notes Metropolitan and Micropolitan Statistical Areas Comparability of Product Classes and Product Codes: 2002 to 1997	A-1 B-1 C-1  F-1

-- Not applicable for this report.

### Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All employees		Production workers				Total	Total	Total capital
Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	estab- lish- ments <sup>3</sup>	Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		expendi- tures (\$1,000)
315991, Hat, cap, and millinery											
manufacturing2002	242	251	8 884	192 534	7 292	12 873	127 166	426 568	306 938	718 696	r7 109
2001	N	N	14 885	293 877	12 259	22 680	199 779	582 414		991 303	15 749
2000	N		16 292	315 247	13 740	24 824	219 382	613 634	403 012	1 017 647	26 152
1999	N	N	16 682	318 283	14 133	25 918	224 930	636 573	375 504	1 007 016	19 491
1998	N	N	16 827	304 897	13 720	25 531	219 665	652 724	383 309	1 038 100	15 712
1997	363	390	17 237	303 495	14 090	25 539	214 402	570 346	404 686	980 704	18 687

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

### Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area		All establishments <sup>2</sup>		All employees		Production workers						
		Total	With 20 em- ploy- ees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	
315991, Hat, cap, and millinery manufacturing												
United States, California Illinois Missouri New Jersey New York Pennsylvania	2 7 1 2	251 25 6 17 11 60 14	96 6 4 8 7 13 7	8 884 580 323 1 008 421 1 378 925	192 534 11 826 6 040 19 440 7 632 34 340 25 364	7 292 488 287 825 361 1 112 721	12 873 635 503 1 567 726 1 788 1 224	127 166 7 427 4 471 12 730 5 460 19 736 14 899	426 568 13 381 11 308 41 389 18 555 75 085 57 558	306 938 15 238 5 083 30 795 28 615 33 835 39 542	718 696 29 078 16 340 72 086 46 932 104 997 92 904	r7 109 r100 r43 r455 r43 r1 218 r2 062

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
315991, Hat, cap, and millinery manufacturing	
Companies <sup>1</sup> number	242
All establishments <sup>2</sup> number.  Establishments with 1 to 19 employeesnumber.  Establishments with 20 to 99 employeesnumber.  Establishments with 100 employees or morenumber.	251 155 75 21
All employees³         number.           Total compensation         \$1,000.           Annual payroll         \$1,000.           Total fringe benefits         \$1,000.	8 884 231 394 192 534 38 860
Production workers, average for year	7 292 7 399 7 391 7 235 7 124
Production worker hours	12 873 127 166
Total cost of materials         \$1,000.           Materials, parts, containers, packaging, etc., used         \$1,000.           Resales         \$1,000.           Purchased fuels         \$1,000.           Purchased electricity         \$1,000.           Contract work         \$1,000.	306 938 202 209 94 210 2 137 4 292 4 090
Quantity of electricity purchased for heat and power       1,000 kWh.         Quantity of electricity generated less sold for heat and power       1,000 kWh.	56 442 -
Total value of shipments         \$1,000           Primary products value of shipments         \$1,000           Secondary products value of shipments         \$1,000           Total miscellaneous receipts         \$1,000           Value of resales         \$1,000           Contract receipts         \$1,000           Other miscellaneous receipts         \$1,000	718 696 549 545 19 583 149 568 141 714 1 110 6 744
Primary products specialization ratio       percent         Value of primary products shipments made in all industries       \$1,000         Value of primary products shipments made in this industry       \$1,000         Value of primary products shipments made in other industries       \$1,000	97 567 543 549 545 17 998
Coverage ratiopercent .	97
Value added\$1,000.	426 568
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	119 276 60 259 10 522 48 495
Total inventories, end of year       \$1,000.         Finished goods inventories       \$1,000.         Work-in-process inventories       \$1,000.         Materials and supplies inventories       \$1,000.	130 760 73 485 12 106 45 169
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000.  Total capital expenditures (new and used) \$1,000.  Buildings and other structures (new and used) \$1,000.  Machinery and equipment (new and used) \$1,000.  Automobiles, trucks, etc., for highway use \$1,000.  Computers and peripheral data processing equipment \$1,000.  All other expenditures for machinery and equipment \$1,000.  Total retirements \$1,000.  Gross value of depreciable assets at end of year \$1,000.	172 414 '7 109 '1 035 '6 074 '1 389 '931 '3 754 '9 354 '170 169
Depreciation charges during year\$1,000.	r10 483
Total rental payments         \$1,000           Buildings and other structures         \$1,000           Machinery and equipment         \$1,000	8 953 6 269 2 684
Total other expenses <sup>4</sup> . \$1,000.  Response coverage ratio <sup>5</sup> . percent.  Repair and maintenance services of buildings and/or machinery <sup>4</sup> . \$1,000.  Communications services <sup>4</sup> . \$1,000.  Legal services <sup>4</sup> . \$1,000.  Accounting, auditing, and bookkeeping services <sup>4</sup> . \$1,000.  Advertising and promotional services <sup>4</sup> . \$1,000.  Expensed computer hardware and supplies and purchased computer services <sup>4</sup> . \$1,000.  Refuse removal (including hazardous waste) services <sup>4</sup> . \$1,000.  Management consulting and administrative services <sup>4</sup> . \$1,000.  Taxes and license fees <sup>3</sup> . \$1,000.  All other expenses <sup>4</sup> . \$1,000.	81 427 64 3 159 1 570 1 565 860 13 559 1 733 313 1 349 2 703 54 617

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

### Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All emp	oloyees	Pr	oduction worke	ers		Total	Total	Total
		All estab- lish- ments <sup>2</sup>	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	capital expendi- tures (\$1,000)
315991, Hat, cap, and millinery manufacturing											
All establishments  Establishments with —  1 to 4 employees. 5 to 9 employees. 10 to 19 employees 20 to 49 employees 50 to 99 employees 100 to 249 employees 250 to 499 employees 250 to 499 employees 1,000 to 2,499 employees 2,500 to 999 employees 2,500 employees 0,000 to 2,499 employees 2,500 employees	2 9 5 3 5 3 2 - -	251 90 31 34 45 30 15 5	8 884 180 215 493 1 441 2 045 2 256 9 f	192 534 3 758 4 760 9 777 29 461 50 728 44 633 D D	7 292 157 179 417 1 196 1 660 1 820 D D	12 873 265 328 766 2 160 2 975 3 332 D D	127 166 2 506 3 088 6 573 20 403 31 189 29 073 D D	426 568 8 654 9 564 20 134 55 438 101 223 109 431 D D	306 938 3 672 6 528 14 391 28 534 73 048 117 307 D D	718 696  12 316 16 080 34 444 83 117 176 160 218 643 D D -	'7 109 '22 '235 '90 '1 311 '3 023 '542 D D -
Administrative records <sup>4</sup>	9	104	351	7 286	310	550	4 984	13 667	5 983	19 650	r43

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

### Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	All	All em	ployees	Pr	oduction work	ers		Total	Total	Total capital
product class code		estab- lish- ments <sup>1</sup>	Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
315991	Hat, cap, and millinery manufacturing .	251	8 884	192 534	7 292	12 873	127 166	426 568	306 938	718 696	<sup>r</sup> 7 109
3159912	Men's and boys' fabric, straw, and felt hats and caps	24	2 190	52 316	1 653	2 897	32 907	149 677	98 234	242 976	r2 690
3159915 3159916	Women's, girls', and infants' fabric, straw, and felt hats and caps	12 51	308 3 952	7 336 84 778	201 3 275	370 5 629	3 413 55 409	15 499 179 070	11 844 139 097	27 810 308 271	r82 r3 002

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

<sup>&</sup>lt;sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

#### Products Statistics: 2002 and 1997 Table 6a.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product :	shipments
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
315991	Hat, cap, and millinery manufacturing	N N	X	X	567 543 861 088
3159912	Men's and boys' fabric, straw, and felt hats and caps	N	X	×	158 537
31599121	1997   Men's and boy's fabric hats, except felt	N N	X	Į Š	N 44 742
3159912112	Men's and boy's fabric hats, except felt	N 14	X	Į Š	N 44 742
31599122	Men's and boys' straw hats	N N	X	Į Š	37 071
3159912216	Men's and boys' straw hats	N 15 N	X	Į Š	37 071
31599123	Men's and boys' felt hats	N	X X X X X X X X X X X X X X X X X X X	Į Š	76 724
3159912318	Men's and boys' wool felt hats	N 10	X	Į Š	29 562
3159912320	Men's and boys' felt hats, except wool	N 11	X	X	N 47 162
3159912Y	Men's and boys' fabric, straw, and felt hats and caps, nsk	N N	X	X	N -
3159912YWV	Men's and boys' fabric, straw, and felt hats and caps, nsk	N N N	X X X	X X X X X X X X X X X X X X X X X X X	N – N
3159915	Women's, girls', and infants' fabric, straw, and felt hats and caps	N	х	x	37 992
31599151	Women's, girls', and infants' fabric hats, except felt	N N	X X	X	102 084 8 936
3159915114	Women's, girls', and infants' fabric hats, except felt	N 11	X	X	102 084 8 936
31599152	Women's, girls', and infants' straw hats	N N	X X X X X X X X X	X X X X X X X X X X X X X X X X X X X	22 334
3159915216	Women's, girls', and infants' straw hats	N 12	X	X	N 22 334
31599153	Women's, girls', and infants' felt hats, including wool	N N	X	X	6 472
3159915318	Women's, girls', and infants' felt hats, including wool	N 10	X	Į Š	6 472
3159915Y	Women's, girls', and infants' fabric, straw, and felt hats and caps, nsk	N N N	×	×	N 250
3159915YWV	Women's, girls', and infants' fabric, straw, and felt hats and caps, nsk	N N N	X	X	250 –
3159916	Hat bodies and fabric caps	N	X	×	246 857
31599161	Hat bodies, except hat bodies finished into hats in the same establishment	N N	X X	X X X	12 738
3159916110	Hat bodies, except hat bodies finished into hats in the same establishment	N 8	X X		12 738
31599162	1997	N N	X X X X X X	X X X X X X	223 927
3159916220	1997 Fabric caps	N 56	X	X	223 927
3159916Y	Hat bodies and fabric caps, nsk	N N	X	X	10 192
3159916YWV	1997  Hat bodies and fabric caps, nsk	N N N	X X X	X X X	10 192 N
315991W	Hat, cap, and millinery manufacturing, nsk, total	N	X	X X	124 157
315991WY	Hat, cap, and millinery manufacturing, nsk, total	N N N	X X X	X X X	57 786 124 157 57 786
315991WYWW	Hat, cap, and millinery manufacturing, nsk, for nonadministrative-record establishments	N	Х	×	96 825
315991WYWY	Hat, cap, and millinery manufacturing, nsk, for administrative-record establishments	N N	×	×	32 764 27 332
	1997	N	X	X	25 022

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

# Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3159912	Men's and boys' fabric, straw, and felt hats and caps	
	United States. 2002. 1997.	158 537 N
	New York     2002.       Pennsylvania.     2002.       1997.     1997.	3 319 N 32 645 N
3159915	Women's, girls', and infants' fabric, straw, and felt hats and caps	
	United States. 2002. 1997. New York 2002. 1997.	37 992 102 084 11 447 33 779
3159916	Hat bodies and fabric caps	
	United States. 2002.  California 2002.  California 1997.  1997.	246 857 N 18 770
	Missouri     2002       New York     1997       1007     1007	12 753 N 61 389 N
	Pennsylvania	5 423 N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
315991	Hat, cap, and millinery manufacturing		
00900001	Total materials	X	202 209
31322103	1997   Narrow fabrics (12 inches or less in width)	X	345 804 2 480 24 415
31323003	Wool felt	X	16 320 24 714
31599100	Hat bodies	X	20 164
31311003	Yarn, all fibers	X	48 815 24 589
00190067	Trim and findings (linings, fusibles, elastic, waistbanding, pockets, etc.)	X X X	N 18 169 N
00970099	All other materials and components, parts, containers, and supplies	×	51 583
00971000	Materials, ingredients, containers, and supplies, nsk	X	218 811 68 904 29 049

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.